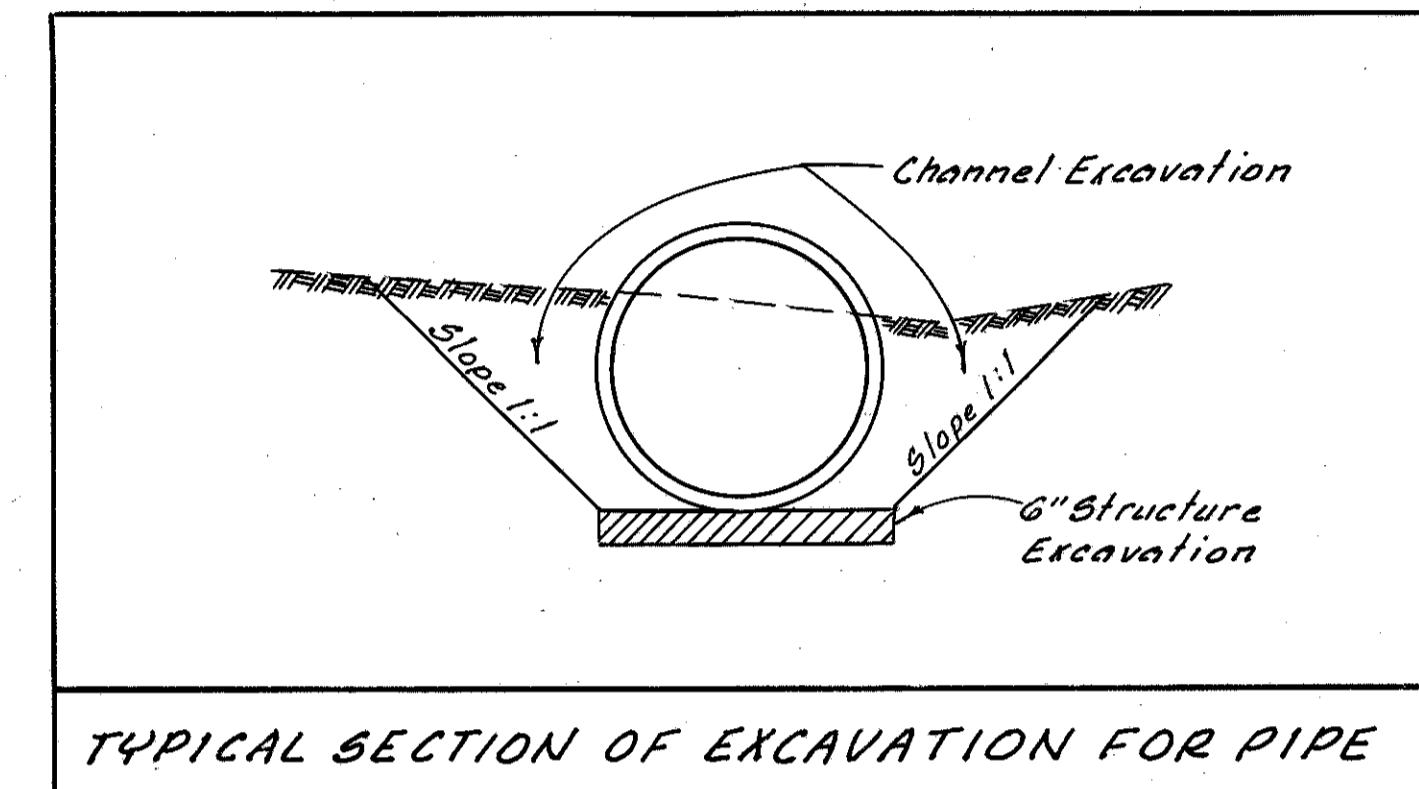
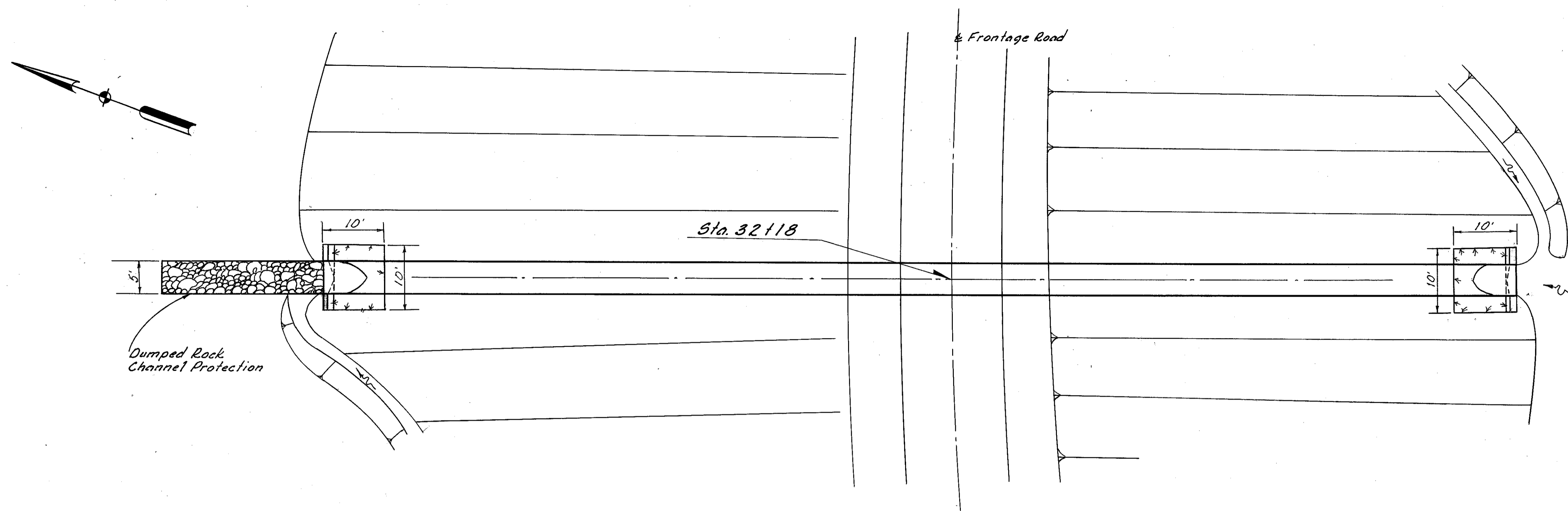


|                   |       |             |
|-------------------|-------|-------------|
| FED. RD. DIVISION | STATE | PROJECT     |
| 2                 | OHIO  | I-1103 (18) |

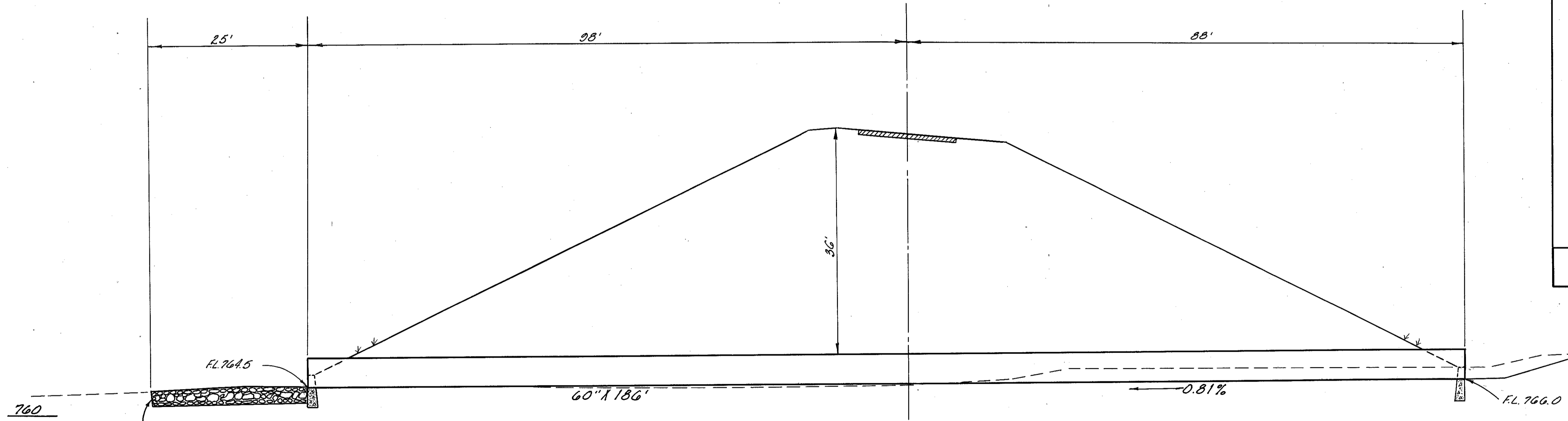
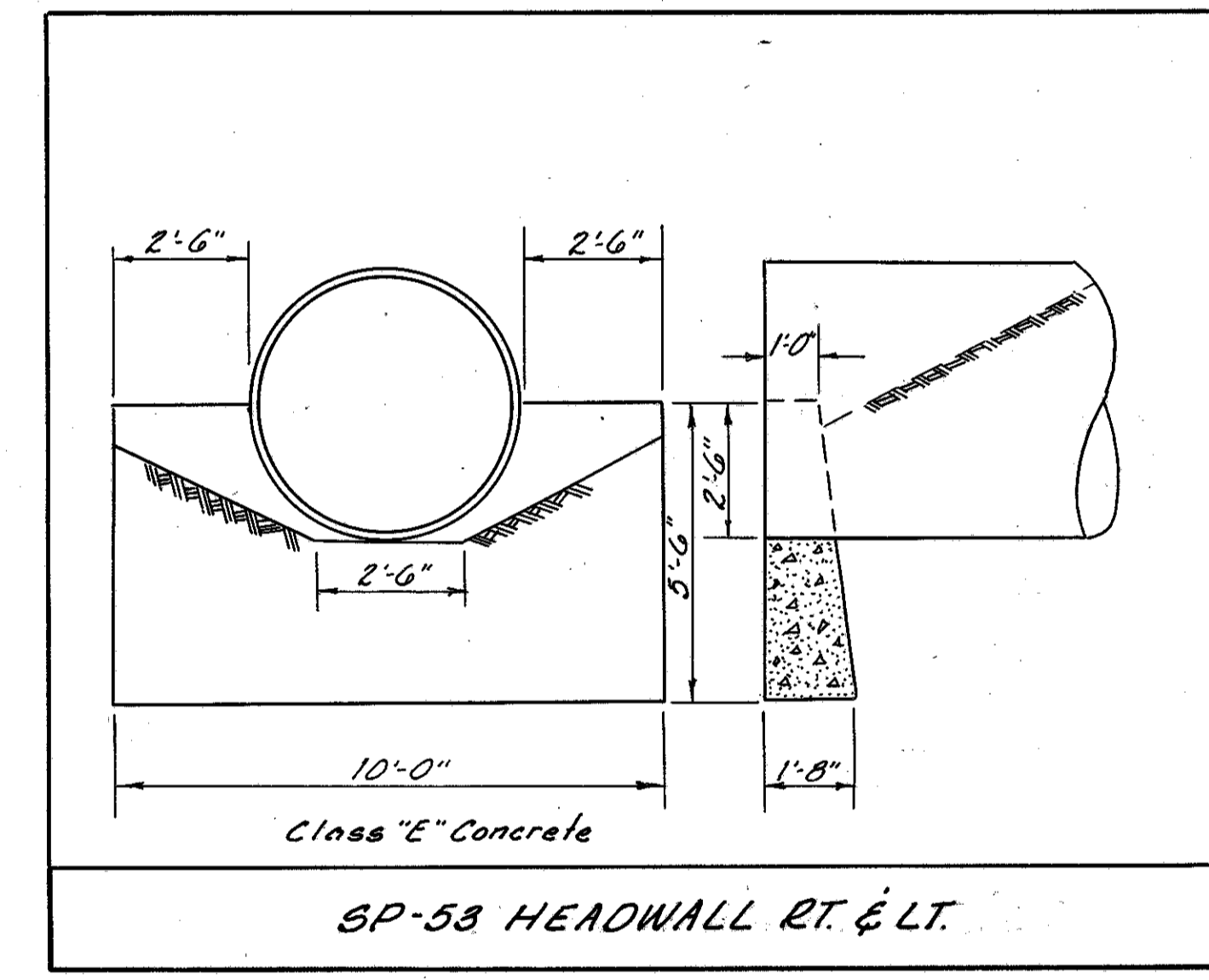
365  
458

CUYAHOGA & LAKE COUNTIES  
CUY-I-15.91  
LAK-I-0.00



Area = 140 Acres  
Discharge = 175 C.F.S.

Headwater = 7.0'  
Outlet Velocity = 12 F.P.S.



**ESTIMATED QUANTITIES**

|      |                                       |     |          |
|------|---------------------------------------|-----|----------|
| E-2  | Excavation for Structures             | 25  | Cu. Yds. |
| E-3  | Channel Excavation                    | 40  | Cu. Yds. |
| S-1  | Concrete for Structures Class "E"     | 4   | Cu. Yds. |
| S-28 | Sectional Corrugated Metal Structures | 186 | Lin. Ft. |
| L-10 | Sodding                               | 15  | Sq. Yds. |
| I-10 | Dumped Rock Channel Protection        | 12  | Cu. Yds. |

**CULVERT DATA**  
TYPE: S-28 Sectional Corrugated Metal Structures Sec. M-G.4(g)  
Ga. 10-B - Type SP-53 Headwalls Rt. & Lt.  
SIZE: 60" X 186'

Scale: 1"=10'

MICHAEL BAKER JR., CONSULTING ENGINEERS  
ROCHESTER, PENNSYLVANIA

**STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
STATE HIGHWAY NO. 1  
C-42  
CULVERT SECTION  
STA. 32+18 FRONTAGE ROAD**

|          |        |                  |         |               |         |
|----------|--------|------------------|---------|---------------|---------|
| Designed | Drawn  | Traced           | Checked | Reviewed Date | Revised |
| L.S.I.   | L.S.I. | E.P.C.<br>K.L.G. | B.P.    |               |         |